BRITISH JOURNAL OF NEUROSURGERY

Author Index, Volume 20, 2006

Achawal, S., 259
Ahl-Börjesson, G., 214
Akula, M., 433
Alakandy, L. M., 235
Ali, Z., 40
Andrich, J., 327
Ang, B. T., 24
Aquilina, K., 51, 415
Arvin, B., 31
Ateş, Ö., 241
Auyeung, K. M., 55
Aziz, F., 233, 318
Aziz, T. M., 290

Baborie, A., 250
Babu, K. S., 396
Badwal, S., 99
Bahloul, K., 320
Bahuleyan, B., 324
Bain, P., 290
Balamurali, G., 235
Barazi, S. A., 43
Barrows, G., 214
Bassi, S., 97, 257
Basu, A., 99
Bearcroft, P. W. P., 331
Bell, B. A., 275
Belli, A., 285, 290
Bhagat, S., 426
Bhatia, R., 165
Bikmaz, K., 103
Blomsterwall, E., 214
Bodiwala, D., 403
Bojanic, S., 296
Bosio, D., 82
Boudouara, M. Z., 320
Bouras, T. I., 48
Boviatsis, E. J., 48
Brada, M., 195
Bradey, N., 233
Bradford, R., 31
Bradley, L. J., 36
Brean, A., 407
Brecknell, J. E., 239
Brown, E. M., 273
Brown, J., 426
Brydon, H. L., 169, 403
Bullock, P., 159
Burn, S., 31

Caird, J., 40
Carpenter, T. A., 79
Carroll, G., 9
Cartmill, M., 244
Casey, A., 63, 259
Çayli, S. R., 241
Chacko, A. G., 324
Chakrabarty, A., 250
Chhabra, R., 420
Chin, C. H., 94
Chitnavis, B., 316
Choi, D., 63
Choksey, M. S., 87
Choudhari, K. A., 375
Chukwunyerenwa, C., 40
Clayton, J., 379
Cogoni, M., 82
Cohen, J. M., 195
Connor, S., 97
Consales, A., 46
Corteen, E., 36
Crocker, M., 97, 165, 257, 316
Cudlip, S., 43

Dambatta, S., 428
Dange, N., 209
Dardis, R., 87
Dasic, D., 296
Davis, C., 114
Davis, C. H. G., 177
Deary, I. J., 203
Desai, K., 139
Dhir, J. S., 403
Dimogerontas, G., 435
Dinc, C., 103
Donaldson, M. H., 250
Ducati, A., 82
Duhaime, T., 111
Dunaway, D. J., 330
Dunn, L. T., 423

Edmondson, R., 159
Eide, P. K., 407
Epelbaum, S., 90
Etherington, G., 259

Faccani, G., 82
Fan, Y. W., 55
Fitzpatrick, M. O., 106, 109
Fujioka, S., 312
Fukui, M., 146

Garfield, J., 281
Georgakoulias, N., 161
Ghorbel, M., 320
Gleave, J. R. W., 227
Goel, A., 139, 209
Green, A. L., 403
Gruber, A., 379
Grundy, P. L., 428
Gupta, R., 420

Hampton, T., 257
Hanna, S. J., 296
Harders, A., 327
Hardy, D., 177
Has, B., 386
Haynes, K., 9
Hayward, R. D., 330
Hellström, P., 214
Hercules, S., 235
Herwadkar, A., 235
Higgins, J. N. P., 79
Hirano, H., 239
Holland, J. P., 235
Hopkin, J., 111
Howarth, S., 301
Howe, F. A., 275
Howlett, T., 379
Hughes, D., 159, 165
Hutchinson, P., 9
Hutchinson, P. J., 36, 227, 301
Hwang, P. Y. K., 306

Iplikcioglu, A. C., 103
Ironside, J. W., 109
Ishii, H., 246
Iwamuro, H., 246

Jančuljak, D., 386
Jayakumar, P., 63
Jenkins, A., 161
Jerwood, D., 178
Johnston, R., 426
Joshi, S. M., 330

Kabir, S. M. R., 169
Kalimuthu, S. G., 51
Kalostos, G. N., 156
Kalsi, P., 175
Kamel, M., 51
Kane, P., 233
Karabetsos, D. A., 156
Karadağ, Ö., 153
Keohane, C., 51, 415
Keong, N. C. H., 227
Kerr, R. S. C., 296
Khan, N., 129
Kirker, S., 9
Kirker, S. G. B., 36
Kitchen, N., 285
Koçak, A., 241
Koga, K., 312
Koutentakis, D. G., 156
Kouyialis, A. T., 48
Kraus, J., 82
Kujas, M., 90
Kumar, G. S. S., 396
Kumar, S., 379
Kumar, V., 106
Kuratsu, J.-I., 312
Kurian, K. M., 106, 109
Kwok, B., 57

Labram, E. K., 173
Laing, R. J., 391
Lee, K.-K., 73
Legčević, J., 386
Leung, G. K. K., 55
Liaquat, I., 159
Lim, J., 24
Lim, J. H. G., 73
Liu, X., 290
Lollis, S., 111
Loosemore, A., 275
Low, H. L., 254
Lowe, J. S., 222
Lui, W. M., 55

Macarthur, D. C., 222
Macmullen-Price, J., 109
Maimaris, C., 9
Malham, G. M., 239

Mamourian, A., 111
Mansell, P., 379
Mansour, H. B., 320
Marks, C. J., 415
Marks, J. C., 51
Marsh, H., 43
Massaro, F., 82
Mathew, B., 433
Matsukado, K., 146
Matsuno, A., 246
Matthews, N., 318
McIntyre, D., 316
McLean, C. A., 239
Minh, T., 306
Mitchell, P., 150
Mitsos, A., 161
Mohindra, S., 420
Mukerji, N., 150
Mukherjee, K. K., 420
Muroi, C., 129
Murphy, M., 159, 316
Muta, D., 312
Mužević, D., 386
Muzumdar, D., 139, 209

Nagashima, H., 246
Nagashima, T., 246
Nagata, S., 146
Nair, N., 175
Nasir, N., 415
Nath, F., 318
Natori, Y., 146
Ng, I., 24, 73, 94, 306
Nguyen, K. C., 306
Nishi, T., 312

Oluigbo, C. O., 87
Otani, N., 129
Owler, B. K., 79
Ozcan, D., 103
Özer, H., 153
Özüm, Ü., 153

Pal, L., 99
Paluzzi, A., 290
Pandey, R., 203
Pangalu, A., 129
Papadopoulos, M. C., 175, 275
Patsalos, P., 285
Pechlivanis, I., 327
Peng, E. W. K., 106, 109
Petrik, V., 275
Petzold, A., 285
Pickard, J., 373
Pickard, J. D., 5, 6, 9, 36, 79, 331
Pülhorn, H., 431
Péna, A., 79
Poirier, J., 90
Polat, N., 153
Poppi, M., 46
Portarena, I., 195
Price, K.-A., 316

Qadri, S. R. M., 87

Radanović, B., 386
Raghuram, L., 324
Rajshekhar, V., 324, 396
Ratnaraj, N., 285
Rawluk, D., 40
Razzaq, A. A., 433
Redfern, R. M., 254, 431
Reid, H., 235
Robertson, F., 97
Robertson, I., 379
Robinson, A. H. N., 331
Robson, D. K., 222
Rodrigues, D., 233, 318
Ross, S., 250
Rovlias, A., 435
Russo, S., 285
Ryder, D. Q., 415

Saft, C., 327
Sakas, D. E., 48
Samuels, A., 22, 282
Saraç, K., 241
Sasaki, T., 146
Sawlani, V., 254
Saxena, S., 99
Schmieder, K., 327
Scholz, M., 327
Schulz, U. G., 173
Schwindack, C., 203
Scoones, D., 233, 318
Seeley, H., 391
Seeley, H. M., 9, 36
Sen, J., 285
Sergides, I., 257
Sergides, I. G., 301
Servadei, F., 82
Shastri-Hurst, N., 222
Shaw, S., 31
Shivane, A. G., 250
Simms, H. N., 423
Sitoh, Y. Y., 94
Smith, C., 106
Smith, M., 285
Soh, C., 150
Splavski, B., 386
Stock, D., 316
Strong, A. J., 165
Stumpo, M., 46

Tasker, R., 9
Tawari, G., 97
Teo, C., 57
Thiryayi, W., 250
Thorat, J. D., 94
Thorne, L., 31
Tisdall, M., 285
Tisell, M., 214
Todd, N. V., 178
Tsegaye, M., 222
Tullberg, M., 214

Vajramani, G. V., 428
Vakis, A. F., 156
Van Effenterre, R., 90
Visca, A., 82
Vranković, D., 386

Walker, M., 428
Wang, E. C., 24
Weil, R. S., 195
White, B., 6
Whiting, G., 301
Whittle, I. R., 106, 109, 203
Wikkelsö, C., 214
Wilby, M. J., 391
Witherow, H., 330
Wong, H.-B., 73
Wong, J., 24, 57
Woon, K., 244

Yamashiro, S., 312
Yan, X.-Y., 73
Yano, H., 129
Yap, Y., 244
Yeh, J. S., 403
Yonekawa, Y., 129

Zafar, M. S., 169
Zbinden, L., 203

BRITISH JOURNAL OF NEUROSURGERY

Subject Index, Volume 20, 2006

Acoustic neuroma, 195
Acute brain injury, 285
Adult hydrocephalus, 214
Aggressive and invasive tectal glioma, 246
Albendazole, 320
Anaplastic, 239
Aneurysm, 241
Angiolipoma, 235
Anticoagulation, 40
Anticonvulsant prophylaxis, 403
Aqueduct stenosis, 246
Arachnoid cyst, 94, 111, 156
Artefact, 316
Arteriovenous malformation, 146
Atlantoaxial dislocation, 209
Atlanto-axial dislocation, 259
Audit, 296
Autoregulation, 24
Awake craniotomy, 43

Basilar invagination, 209
Benign intracranial hypertension, 79, 431
Bilateral foot drop, 87
Biomarker, 275
Biomarker signature, 275
Blunt neck injury, 254
Bone hyperostosis, 161
Brain neoplasm, 153
Brain relaxation, 150
Brain tumour, 203
Burr hole, 233

Capillary haemangioma, 235
Cardiac myxoma, 318
Carotid-cavernous fistula, 254
Cavernous malformation, 312
Central neurocytoma, 57
Cerebellopontine angle, 139
Cerebral metastasis, 318
Cerebral oedema, 79
Cerebral tumour, 90
Cerebrospinal fluid pressure, 407
Chiari type I malformation, 48
Children, 420
Chordoma, 99
Chronic subdural haematoma, 327
Classification tree, 275
CNS infection, 296
Cognition, 203
Complications, 290
Compound muscle action potentials (CMAPs), 396
Computed tomography, 316
Congenital intracranial cysts, 111
Conservative treatment, 379
Consistency, 324
Corticospinal tract, 94
Craniotomy, 40, 301
Craniovertebral, 259
CSF, 257
CSF diversion, 431
CSF dynamics, 48
CSF fistula, 244
CSF leak, 97
CT, 316

Decompressive craniectomy, 24
Deep brain stimulation, 290
Delayed ischaemic neurological deficit, 165
Diagnostic accuracy, 222
Diffusion tensor imaging, 79, 94
Disseminated intravascular coagulation, 239
DNA microarrays, 275
Dural tear, 97
Dysraphism, 106

Echinococcosis, 320
Echinococcus, 320
Elderly, 146
Endoscopic third ventriculostomy, 246
Endovascular coiling, 306
Endovascular therapy, 55
Epidemiology, 73
Epidermoid tumour, 139
Epidural catheter, 156
Epilepsy, 285
European Working Time Directive, 31
External anal sphincter (EAS), 396
External ventricular drain, 296
Extradural haematoma, 97

Filum terminale, 396
Follow-up, 290
Fourth ventricle, 57
Frameless, 43

Ganglioglioma, 90
Garre's chronic diffuse sclerosing osteomyelitis, 415
Gender difference, 73
Genetic algorithm, 275
Genomics, 275
Glanglioglioma, 428
Glioblastoma, 222
Glioblastoma multiforme, 275
Granular cell tumour, 51
Growing fracture, 420
Growing skull fracture, 97

Haemangioblastoma, 235
Haemangiopericytoma, 235
Head injury, 6, 9, 36, 227, 257, 301
Hemifacial spasm, 161
Herpes zoster, 423
Huntington's disease, 327
Hydatid, 320
Hydrocephalus, 257

ICP measurements, 156
Idiopathic intracranial hypertension, 79
Idiopathic normal pressure hydrocephalus, 407
Infarct, 316
Infection, 296
Inflammatory pseudotumour, 153
Information processing, 203
Infratentorial, 48
Inspection time, 203
Internal carotid artery, 55
Intracranial cerebral aneurysms, 306
Intracranial metastasis, 169
Intracranial plasma cell granuloma, 153

Intracranial pressure, 407
Intradural, 99
Intradural extramedullary, 235
Intraoperative monitoring (IOM), 396
ISAT, 306

Junior doctors, 31

Laminectomy, 391
Lobectomy, 150
Long-term outcome, 214
Long-term survival, 90
Lumbar spinal stenosis, 87
Lumbo-atrial shunt, 431

Magnetic resonance imaging, 428
Malignant, 239
Malignant transformation, 250
Management, 227
Mapping and sacral nervous system, 396
Mass spectrometry, 275
Medullary carcinoma, 169
Meningioma, 233, 235, 239
Metabolomics, 275
Microdialysis, 285
Microvascular decompression, 161, 423
Movement disorders, 290
MR tractography, 94
MRI, 324
Multiple, 99

National Service Framework, 6, 9
Neural network, 275
Neurohypophysis, 51
Neurorehabilitation, 9

Obstructive hydrocephalus, 246
Occipitocervical fusion, 426
Odontoid peg fracture, 426
Operative experience, 31
Operative indication, 146
Optic chiasm, 312
Optic nerve, 312
Optic pathway, 428
Orbital roof, 420
Ossification, 153
Outcome, 73, 386
Outcome measures, 391
Outcomes, 82

Paediatric cervical spine, 426
Papillary glioneuronal tumour, 90
Paraganglioma, 235
Parasitic infection, 320
Pattern recognition, 275
Penetrating trauma, 227
Periostitis ossificans, 415
Phenytoin, 285
Pin less, 43
Pituitary adenoma, 324
Pituitary apoplexy, 379
Pituitary stalk, 51
Pituitary surgery, 379
Pituitary tumour, 379
Postembolisation surgery, 306
Pregnancy, 106
Pressure reactivity index, 24
Primary lymphoma, 103
Prosthetic heart valve, 40
Proteomics, 275
Pseudoaneurysm, 159
Pseudo-aneurysm, 55
Pseudomeningocele, 259
Pseudotumour cerebri, 79
Psychosis, 156

Radiosurgery, 195
Recurrence, 57
Rehabilitation, 6, 36
Relative haemorrhagic rate, 146
Remodelling, 426
Retropharyngeal, 259
Risk factor, 73

Sacrum, 415
SEAC, 129
Secretory meningioma, 250
Seizures, 403
Selective extradural anterior clinoidectomy, 129
Severe head injury, 82, 386
Single pressure waves, 407
Spinal artery, 241
Spinal stenosis, 391
Spondylolisthesis, 391
Spondyloptosis, 209
Standardized mortality ratio, 214
Stealth, 43
Stent, 55
Stereotactic, 43
Stereotactic biopsy, 222
Subarachnoid haemorrhage, 36, 165
Subdural haematoma, 111
Subtemporal approach, 139
Superficial temporal artery, 159
Surgical decompression, 150
Sylvian aqueduct, 57
Synchronous, 99
Syringomyelia, 48
Syrinx, 48

TBI, 73
Telemedicine, 82
Tentorium, 139
Teratoma, 106
Thoracic spine, 106
Thromboplastin, 239
Thyroid, 169
Thyrotoxicosis, 165
Tissue factor, 239
Transcranial Doppler, 386
Transfer time, 301
Trans-sphenoidal surgery, 55
Trauma, 159
Trigeminal nerve, 103
Trigeminal neuralgia, 423
Tuberculum sellae meningioma, 129
Tumour, 48

Umbilicus, 244

Ventriculo-peritioneal shunt, 257
Ventriculoperitoneal shunt, 244
Ventriculostomy, 296
Vertebral column, 320
Vestibular schwannoma, 195
Vision, 379
Visual outcome, 129

Contents, Volume 20, 2006

February 2006 CONTENTS VOLUME 20, NUMBER 1

EDITOR'S NOTE 5

EDITORIAL
National Service Framework for Long-Term Conditions – *Quo vadis*
J. D. Pickard & B. White 6

REVIEW ARTICLE
A decade of change in regional head injury care: a retrospective review
H. M. Seeley, P. Hutchinson, C. Maimaris, G. Carroll, S. Kirker, R. Tasker, K. Haynes & J. D. Pickard 9

MEDICO-LEGAL CORNER
The spinal surgeon, the medical mishap, the warning and Afshar
Alec Samuels 22

ORIGINAL ARTICLES
Characterization of cerebrovascular reactivity after craniectomy for acute brain injury
E. C. Wang, B. T. Ang, J. Wong, J. Lim & I. Ng 24

Neurosurgical trainees operative experience before and after introduction of the New Deal for junior doctors
L. Thorne, S. Burn, S. Shaw, B. Arvin & R. Bradford 31

Inappropriate acute neurosurgical bed occupancy and short falls in rehabilitation: implications for the National Service Framework
L. J. Bradley, S. G. B. Kirker, E. Corteen, H. M. Seeley, J. D. Pickard & P. J. Hutchinson 36

SHORT REPORT
Craniotomy with prosthetic heart valves: a clinical dilemma
J. Caird, C. Chukwunyerenwa, Z. Ali & D. Rawluk 40

TECHNICAL REPORT
Awake craniotomy using stealth frameless stereotaxy without rigid skull fixation
S. A. Barazi, S. Cudlip, H. Marsh 43

CASE REPORTS
Sciatic schwannoma spanning the sciatic notch: removal by an anterior, transabdominal approach
A. Consales, M. Poppi & M. Stumpo 46

Symptomatic syringomyelia secondary to clinically obscure infratentorial tumour
T. I. Bouras, A. T. Kouyialis, E. J. Boviatsis & D. E. Sakas 48

Granular cell tumour of the neurohypophysis: a rare sellar tumour with specific radiological and operative features
K. Aquilina, M. Kamel, S. G. Kalimuthu, J. C. Marks & C. Keohane 51

Emergency placement of a self-expandable covered stent for carotid artery injury during trans-sphenoidal surgery
G. K. K. Leung, K. M. Auyeung, W. M. Lui & Y. W. Fan 55

Central neurocytoma in third and fourth ventricles with aqueductal involvement
J. Wong, C. Teo & B. Kwok 57

NEUROSURGICAL IMAGE
The patient always knows best! Conservative management of a large central disc prolapse
D. Choi, P. Jayakumar & A. Casey 63

BOOK REVIEWS
The Failed Spine 64
Advances Peripheral Nerve Surgery and Minimal Invasive Spinal Surgery 64
Paediatric Brain and Spine. An Atlas of MRI and Spectroscopy 65
Endoscopic Spine Surgery and Instrumentation 65

ORIGINAL ARTICLES

Investigating gender differences in outcome following severe traumatic brain injury in a predominantly Asian population
I. Ng, K.-K. Lee, J. H. G. Lim, H.-B. Wong & X.-Y. Yan 73

Diffusion tensor imaging of benign intracranial hypertension: absence of cerebral oedema
B. K. Owler, J. N. P. Higgins, A. Péna, T. A. Carpenter & J. D. Pickard 79

Clinical and neuroimaging features of severely brain-injured patients treated in a neurosurgical unit compared with patients treated in peripheral non-neurosurgical hospitals
A. Visca, G. Faccani, F. Massaro, D. Bosio, A. Ducati, M. Cogoni, J. Kraus & F. Servadei 82

CASE REPORTS

Lumbar canal stenosis presenting with acute bilateral foot drop
C. O. Oluigbo, S. R. M. Qadri, R. Dardis & M. S. Choksey 87

Two cases of papillary glioneuronal tumours
S. Epelbaum, M. Kujas, R. Van Effenterre & J. Poirier 90

Diffusion tensor imaging in a symptomatic patient with an intra-axial arachnoid cyst
J. D. Thorat, Y. Y. Sitoh, C. H. Chin & I. Ng 94

Growing skull fracture in the absence of a dural tear
M. Crocker, G. Tawari, F. Robertson, S. Connor & S. Bassi 97

Multiple synchronous spinal extra-osseous intradural chordomas: is it a distinct entity?
S. Badwal, L. Pal, A. Basu & S. Saxena 99

Primary lymphoma of the trigeminal nerve
A. Celal Iplikcioglu, C. Dinc, K. Bikmaz & D. Ozcan 103

An unusual progression of benign thoracic spinal cord teratoma in pregnancy: a hormonally-mediated pathway?
V. Kumar, E. W. K. Peng, K. M. Kurian, C. Smith, M. O. Fitzpatrick & I. R. Whittle 106

NEUROSURGICAL IMAGES

An intramedullary vascular malformation mimicking intrinsic spinal cord tumour
E. W. K. Peng, K. M. Kurian, J. W. Ironside, J. Macmullen-Price, M. O. Fitzpatrick & I. R. Whittle 109

The next extreme sport? Subdural haematoma in a patient with arachnoid cyst after head shaking competition
J. Hopkin, A. Mamourian, S. Lollis & T. Duhaime 111

LETTER TO THE EDITOR

Myxopapillary ependymoma with intracranial metastases
C. Davis 114

BOOK REVIEWS

Vertebroplasty and Kyphoplasty 115
Complications of Paediatric and Adult Spinal Surgery 115
The Frontal Sinus 116
Nicotinic Acetylcholine Receptors: from molecular biology to cognition 116
Neurosurgery—Principles and Practice 117

ERRATUM 118

FORTHCOMING MEETINGS 120

ORIGINAL ARTICLES

Surgical management of tuberculum sellae meningioma: Role of selective extradural anterior clinoidectomy
N. Otani, C. Muroi, H. Yano, N. Khan, A. Pangalu & Y. Yonekawa 129

Anterior tentorium-based epidermoid tumours: Results of radical surgical treatment in 96 cases
A. Goel, D. Muzumdar & K. Desai 139

Surgical indications for arteriovenous malformations in patients over the age of 60 years: Retrospective analysis of 33 patients
S. Nagata, K. Matsukado, Y. Natori, T. Sasaki & M. Fukui 146

***In-vivo* measurement of brain relaxation after lobectomies**
N. Mukerji, C. Soh & P. Mitchell 150

CASE REPORTS
Intracranial plasma cell-granuloma with extensive ossification
Ü. Özüm, H. Özer, Ö. Karadağ & N. Polat 153

Psychosis-like syndrome associated with intermittent intracranial hypertension caused by a large arachnoid cyst of the left temporal lobe
A. F. Vakis, D. G. Koutentakis, D. A. Karabetsos & G. N. Kalostos 156

Giant traumatic pseudoaneurysm of the superficial temporal artery: Treatment challenges and case review
M. Murphy, D. Hughes, I. Liaquat, R. Edmondson & P. Bullock 159

Hemifacial spasm associated with focal bone hyperostosis
A. Mitsos, N. Georgakoulias & A. Jenkins 161

Aneurysmal subarachnoid haemorrhage in a patient with thyrotoxicosis
R. Bhatia, D. Hughes, M. Crocker & A. J. Strong 165

Intracranial metastasis from medullary carcinoma of the thyroid 25 years after primary surgery
S. M. R. Kabir, M. S. Zafar & H. L. Brydon 169

NEUROSURGICAL IMAGES
A healthy lifestyle leading to a rare ventriculo-peritoneal shunt complication
U. G. Schulz & E. K. Labram 173

Cervical cord presyrinx
N. Nair, P. Kalsi & M. C. Papadopoulos 175

LETTERS TO THE EDITOR
Dealing with dysfunctional doctors
C. H. G. Davis 177

Reply to 'Dealing with dysfunctional doctors'
D. Hardy 177

Reanalysis of the timing of cauda equina surgery
D. Jerwood & N. V. Todd 178

BOOK REVIEWS
Diffusion-weighted MR Imaging of the Brain 180
Computed-aided Tomography Case Histories – BRAIN 180
Spinal Instrumentation: Surgical Techniques 181
Dialogues in Neurological Surgery 181
The Clinical Management of Craniosynostosis 182
Minimally Invasive Spine Surgery: A Surgical Manual 182

August 2006 CONTENTS VOLUME 20, NUMBER 4

REVIEW ARTICLE
Optimal dose of stereotactic radiosurgery for acoustic neuromas: a systematic review
R. S. Weil, J. M. Cohen, I. Portarena & M. Brada 195

ORIGINAL ARTICLES
Information processing in patients with intracranial tumours: a preliminary evaluation of the clinical utility of inspection time
L. Zbinden, R. Pandey, C. Schwindack, I. J. Deary & I. R. Whittle 203

One stage reduction and fixation for atlantoaxial spondyloptosis: report of four cases
A. Goel, D. Muzumdar & N. Dange 209

Long-term outcome in 109 adult patients operated on for hydrocephalus
M. Tisell, P. Hellström, G. Ahl-Börjesson, G. Barrows, E. Blomsterwall, M. Tullberg & C. Wikkelsö 214

Stereotactic brain biopsy: an audit of sampling reliability in a clinical case series
N. Shastri-Hurst, M. Tsegaye, D. K. Robson, J. S. Lowe & D. C. Macarthur 222

HISTORICAL REVIEW
Neurosurgical history: comparing the management of penetrating head injury in 1969 with 2005
N. C. H. Keong, J. R. W. Gleave & P. J. Hutchinson 227

CASE REPORTS
***De novo* meningioma arising at a previous burr hole site**
D. Rodrigues, D. Scoones, N. Bradey, F. Aziz & P. Kane 233

Thoracic intradural extramedullary capillary haemangioma
L. M. Alakandy, S. Hercules, G. Balamurali, H. Reid, A. Herwadkar & J. P. Holland 235

Disseminated intravascular coagulation complicating resection of a malignant meningioma
J. E. Brecknell, C. A. McLean, H. Hirano & G. M. Malham 239

Isolated posterior spinal artery aneurysm
A. Koçak, Ö. Ateş, S. Rüştü Çayli & K. Saraç 241

Spontaneous umbilical CSF fistula in an adult as a complication of a ventriculoperitoneal shunt
K. Woon, Y. Yap & M. Cartmill 244

Aggressive and invasive growth of tectal glioma after surgical intervention and chemoradiotherapy
A. Matsuno, H. Nagashima, H. Ishii, H. Iwamuro & T. Nagashima 246

A rare case of recurrent secretory meningioma with malignant transformation
A. G. Shivane, A. Chakrabarty, A. Baborie, W. Thiryayi, M. H. Donaldson & S. Ross 250

NEUROSURGICAL IMAGES
Carotid-cavernous fistula after blunt trauma to the neck
H. L. Low, V. Sawlani & R. M. Redfern 254

Extracranial displacement of a ventricular catheter following trauma
I. Sergides, M. Crocker, T. Hampton & S. Bassi 257

Retropharyngeal pseudomeningocele
S. Achawal, A. Casey & G. Etherington 259

BOOK REVIEWS
Neurosurgical Essentials 261
New Trends of Surgery for Cerebral Stroke and Its Perioperative Management 261
Social Neuroscience: people thinking about thinking people 262
Emerging Spine Surgery Technologies: evidence and framework for evaluating new technology 262
Diagnosis and Treatment of Pain of Vertebral Origin, 2nd edn 263
Oppenheimers Diagnostic Neuropathology. A Practical Manual 263

FORTHCOMING MEETINGS 265

October 2006 CONTENTS VOLUME 20, NUMBER 5

REVIEW ARTICLES
Antibiotic prophylaxis in patients undergoing clean, non-implant craniotomy
E. M. Brown 273

OMICS and brain tumour biomarkers
V. Petrik, A. Loosemore, F. A. Howe, B. A. Bell & M. C. Papadopoulos 275

FOR DEBATE
Cowboys who chicken out
J. Garfield 281

The bad expert: a legal view
A. Samuels 282

ORIGINAL ARTICLES
Free phenytoin concentration measurement in brain extracellular fluid: a pilot study
M. Tisdall, S. Russo, J. Sen, A. Belli, N. Ratnaraj, P. Patsalos, A. Petzold, N. Kitchen & M. Smith 285

Operative and hardware complications of deep brain stimulation for movement disorders
A. Paluzzi, A. Belli, P. Bain, X. Liu & T. M. Aziz 290

External ventricular drain infection: the effect of a strict protocol on infection rates and a review of the literature
D. Dasic, S. J. Hanna, S. Bojanic & R. S. C. Kerr 296

Is the recommended target of 4 hours from head injury to emergency craniotomy achievable?
I. G. Sergides, G. Whiting, S. Howarth & P. J. Hutchinson 301

Neurosurgical management of intracranial aneurysms following unsuccessful or incomplete endovascular therapy
T. Minh, P. Y. K. Hwang, K. C. Nguyen & I. Ng 306

CASE REPORTS
Cavernous malformation of the optic chiasm: case report
D. Muta, T. Nishi, K. Koga, S. Yamashiro, S. Fujioka & J.-I. Kuratsu 312

Artefactual computed tomographic middle cerebral artery territory infarct
M. Crocker, M. Murphy, K.-A. Price, D. Stock, D. McIntyre & B. Chitnavis 316

Recurrent cerebral metastasis from a cardiac myxoma: case report and review of literature
D. Rodrigues, N. Matthews, D. Scoones, F. Aziz & F. Nath 318

Primary vertebral echinococcosis: four case reports and review of literature
K. Bahloul, M. Ghorbel, M. Z. Boudouara & H. B. Mansour 320

SHORT REPORTS
To assess the ability of MRI to predict consistency of pituitary macroadenomas
B. Bahuleyan, L. Raghuram, V. Rajshekhar & A. G. Chacko 324

Chronic subdural haematoma in patients with Huntington's disease
I. Pechlivanis, J. Andrich, M. Scholz, A. Harders, C. Saft & K. Schmieder 327

NEUROSURGICAL IMAGES
The danger of using metallic plate and screw fixation in the young
S. M. Joshi, H. Witherow, D. J. Dunaway & R. D. Hayward 330

Posterior tarsal tunnel syndrome: an unusual unrelated cause of late pain after lumbar spine surgery
J. D. Pickard, A. H. N. Robinson & P. W. P. Bearcroft 331

PROCEEDINGS
Abstracts of the 8th International Conference on Xenon CT and Related Cerebral Blood Flow Techniques: cerebral blood flow and brain metabolic imaging in clinical practice 333

BOOK REVIEWS
The Human Nervous System Structure and Function 359
Cell Imaging – Methods Express 359
Patient-based Approaches to Cognitive Neuroscience 359
Advances and Technical Standards in Neurosurgery 360
Principles of Operative Surgery—Viva Practice for the MRCS 360
Clinical Evaluation of Medical Devices. Principles and Case Studies 361
Paediatric Oncology: Neuroblastoma 361
Challenging Cases in Spine Surgery 362

December 2006 CONTENTS VOLUME 20, NUMBER 6

EDITORIAL
***British Journal of Neurosurgery* – Time for change**
J. Pickard 373

REVIEW
ISUIA, ISAT and the National Study of Subarachnoid Haemorrhage: changing trends and implications for neurovascular services in the United Kingdom and Ireland
K. A. Choudhari 375

ORIGINAL ARTICLES
Pituitary apoplexy: retrospective review of 30 patients—is surgical intervention always necessary?
A. Gruber, J. Clayton, S. Kumar, I. Robertson, T. Howlett & P. Mansell 379

Transcranial Doppler ultrasonography as an early outcome forecaster following severe brain injury
B. Splavski, B. Radanović, D. Vranković, B. Has, D. Mužević, D. Jančuljak & J. Legčević 386

Laminectomy for lumbar canal stenosis: a safe and effective treatment
M. J. Wilby, H. Seeley & R. J. Laing 391

Intraoperative mapping of sacral nervous system (S2–4)
G. S. S. Kumar, V. Rajshekhar & K. S. Babu 396

Changes in plasma phenytoin level following craniotomy
J. S. Yeh, J. S. Dhir, A. L. Green, D. Bodiwala & H. L. Brydon 403

SHORT REPORT
Lumbar cerebrospinal fluid pressure waves versus intracranial pressure waves in idiopathic normal pressure hydrocephalus
P. K. Eide & A. Brean 407

CASE REPORTS
Garré's chronic diffuse sclerosing osteomyelitis of the sacrum: a rare condition mimicking malignancy
N. Nasir, K. Aquilina, D. Q. Ryder, C. J. Marks & C. Keohane 415

Orbital roof growing fractures: a report of four cases and literature review
S. Mohindra, K. K. Mukherjee, R. Chhabra & R. Gupta 420

Herpes zoster of the trigeminal nerve following microvascular decompression
H. N. Simms & L. T. Dunn 423

Remodelling potential of paediatric cervical spine after type II odontoid peg fracture
S. Bhagat, J. Brown & R. Johnston 426

Multiple gangliogliomas of the optic pathway
G. V. Vajramani, S. Dambatta, M. Walker & P. L. Grundy 428

CSF diversion in benign intracranial hypertension using a lumbo-atrial shunt
H. Pülhorn & R. M. Redfern 431

NEUROSURGICAL IMAGES
Unusual recurrence of pleomorphic xanthoastrocytoma
A. A. Razzaq, M. Akula & B. Mathew 433

Bilateral huge calcified chronic subdural haematomas ['armoured brain'] in an adult patient with a coexistent VA shunt infection
G. Dimogerontas & A. Rovlias 435

PROCEEDINGS
Proceedings of the 148th Meeting of the Society of British Neurological Surgeons 437

BOOK REVIEWS
Neurosurgery Practice Questions and Answers 463
Sleep: a comprehensive handbook 463
Atlas of Morphology and Functional Anatomy of the Brain 463
Transendoscopic Ultrasound for Neurosurgery 464
Weiner's Pain Management: a practical guide for clinicians, 7th edn 464
Neuroethics. Defining the Issues in Theory, Practice and Policy 465
Brain Edema XIII 465
Radiosurgery, Vol. 6 466

FORTHCOMING MEETINGS 466

LIST OF REFEREES 467

TITLE PAGE, VOLUME CONTENTS, AUTHOR AND SUBJECT INDEXES 468